

适用范围 Scope

本规格书适用于型号为 MFVD 系列的热保护型电涌保护器。

The specification is applicable for MFVD Series SPD with thermal protection.

术语 Glossary

参考标准 Reference standards

UL1449 5th, IEC61643-11: 2011, EN61643-11: 2012+A11:2018, GB/T18802.11-2020

整组型号说明 Complete unit part number system

MFVD 20 385-3P+N-M-D1

系列 Series	标称放电电流 Nominal Discharge Current	最大持续工作电压 Maximum Continuous Operating Voltage	组合方式 Poles Combination		遥信功能 Remote Signaling	外型结构 (参照竞争厂) Exterior View and Structure (Refer to Competitor)
MFVD	20: 20 KA	例如, i.e. : 385: 385Vac	1P 1P+1 2P 2P+1	3P 3P+1 4P N-PE	空白: 不具遥信功能 M: 具遥信功能 Null: None M: With remote signaling	D1 (盾牌序号 1) (Dehn, series no.1)

可视化故障指示 Local visual fault indication






可选配的远程触点信号状态监控 Optional remote contact signaling

在三级终端远程信号触点类型中,有一个做为断开点或接触点来使用的浮动转换触点。

The three-pole terminal remote contact signaling option has a floating changeover contact for use as a break or make contact, according to circuit concept.

* All specs and applications shown above subject to change without prior notice.

安规认证 Agency Approvals

认证机构 Agency		标准 Standards	认证号 File NO.	类别 Category	执行标准 Designed to Standards
	UL	UL 1449 5 th ed : 2021	E315429	1CA 类 Type 1CA	<ul style="list-style-type: none"> ● GB/T18802.11-2020 ● UL 1449 5th Ed : 2021 ● IEC 61643-11 : 2011 ● EN 61643-11 : 2012+A11:2018 ● IEC 61000-4-5 : 2014 ● IEEE C62.41.2-2002
	cUL	CSA C22.2 No.269.5-17	E315429	1CA(4-1)类 Type 1CA(4-1)	
	CE	低压指令 Low Voltage Directive 2014/35/EU	AN50496400	附录 I Annex I	
	TUV	EN 61643-11:2012+A11:2018 IEC 61643-11:2011	R 50453253	Ⅲ类 Class Ⅲ	

主要技术参数 Primary technical specifications

型号 Part Number	最大连续 工作电压 Maximum Continuous Operating Voltage	使用 频率 Operating Frequency	电压保护水平 Voltage Protection Rating		标称 放电电流 Nominal Discharge Current	最大放 电电流 Maximum Discharge Current	额定短 路电流 Short Circuit Current Rating SCCR	安规认证 Agency Information			
			UL1449	CE/TUV				Note 2			
			VPR (V)	Up (V)				UL	cUL	CE/TUV	
MFVD20150	150	50/60	600	-	20	40	200	●	●		
MFVD20180	180		700	-				●	●		
MFVD20250	250		900	-				●	●		
MFVD20275	275		900	1300				●	●	●	
MFVD20300	300		900	-				●	●		
MFVD20320	320		900	1500				●	●	●	
MFVD20385	385		1500	1800				●	●	●	
MFVD20420	420		1500	-				●	●		
MFVD20510	510		1500	-				●	●		
MFVD20550	550		2000	-				●	●		
MFVD20680	680		2000	-				●	●		
MFVD20255-N-PE	255		1400	1500							●

Note 1 : 额定短路电流仅有 UL 安规认证.

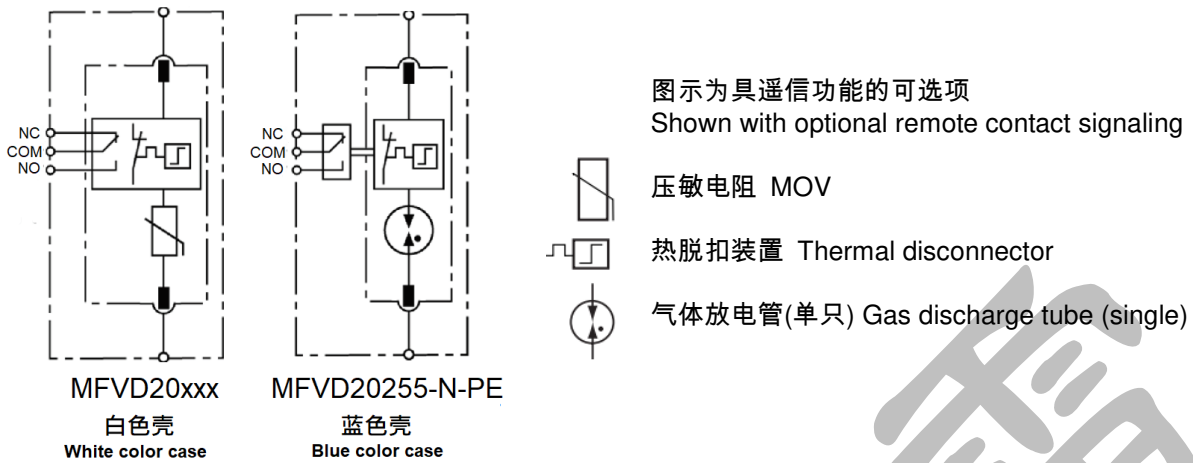
SCCR with UL agency approval only.

Note 2 : UL1449 1CA 安规认证仅有模块, 不含底座.

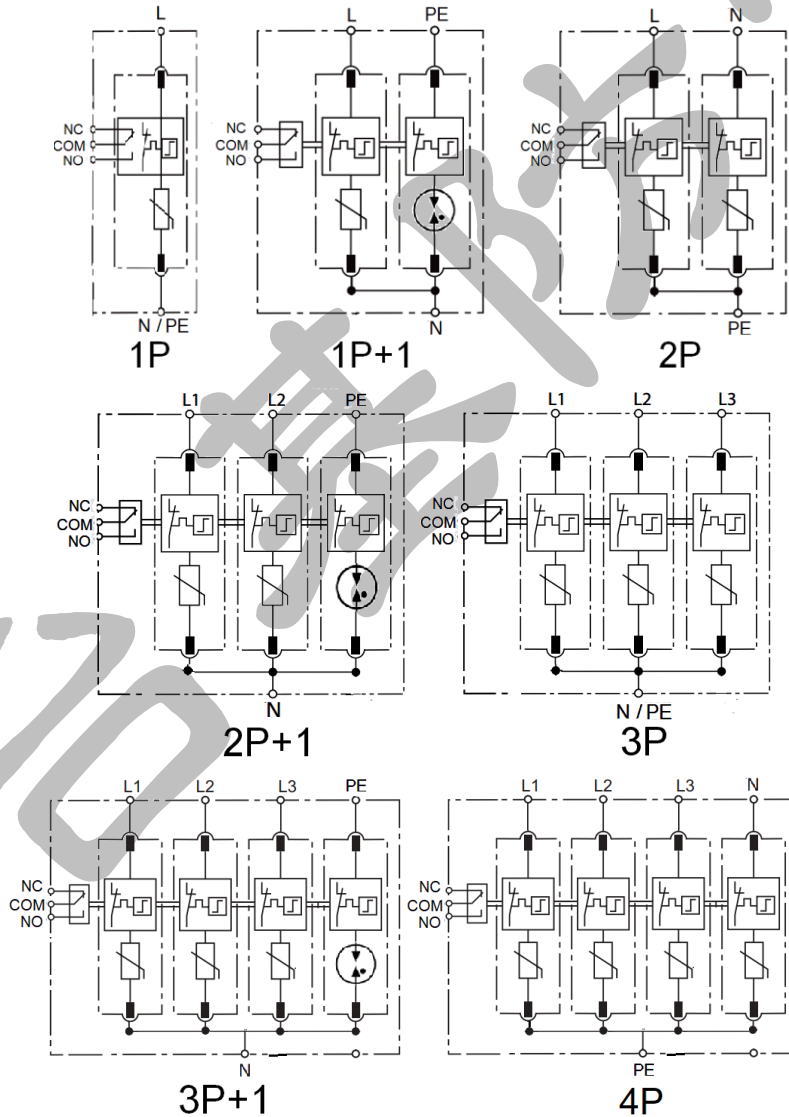
Only modules with UL1449 1CA agency approval, mounting base excluded.

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Surge Protective Devices

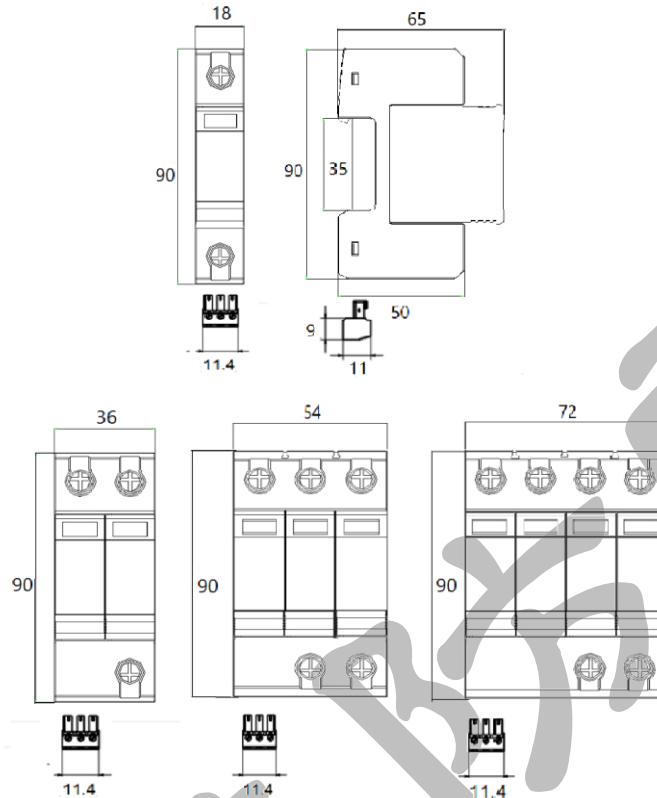


整组电气图 Complete unit circuit diagrams



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尺寸 Dimensions (mm)










安装信息 Mounting Information :
35 mm DIN 轨道 • 35 mm DIN Rail.

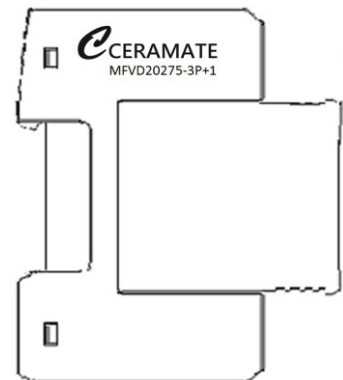
印字 Marking:

1. MFVD20xxx 模块: 激光打印 • 白色壳 • MFVD20xxx modules: Laser marking, white color case.
2. MFVD20255-N-PE 模块: 激光打印 • 蓝色壳 • MFVD20255-N-PE modules: Laser marking, blue color case
3. 整组底座: 激光打印 • Complete unit bases: Laser marking.
例如 ex.

	
MFVD20150	
Surge Protective Device	
Uc	150 VAC
I_{2In}	20 kA
I _{max}	40 kA
VPR	600 V
	XXX

	
MFVD20275	
Surge Protective Device	
Uc	275 VAC
I_{2In}	20 kA
I _{max}	40 kA
VPR/Up	0.9/1.3 kV
  	XXX

	
MFVD20255	
Surge Protective Device	
Uc	255 VAC
I_{2In}	20 kA
I _{max}	40 kA
VPR/Up	1.4/1.5 kV
 	XXX



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